



TOM TINDALL  
Director

County of Los Angeles  
**INTERNAL SERVICES DEPARTMENT**

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*"To enrich lives through effective and caring service"*

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August 4, 2011

To: Each Supervisor

From: Tom Tindall  
Director

Subject: **ABSORPTION REFRIGERATION UNIT**

On July 20, 2010 your Board approved the Absorption Refrigeration Unit (ARU) replacement project at the Olive View Hospital Power Plant. During the planning phase, it was brought to the attention of ISD that the Office of Statewide Health Planning and Development (OSHPD) had recently implemented new seismic rules for the installation of non-structural components. According to this new OSHPD code, the absorption refrigeration unit proposed in the previous approved Board Letter requires seismic certification. There are currently no absorption refrigeration units that have OSHPD pre-approved seismic certification, therefore the risk and expense of obtaining this certification is the responsibility of the County; at a cost exceeding \$250,000.

Due to the lack of OSHPD approved absorption refrigeration units; ISD plans to rebuild the existing absorption refrigeration unit to near new condition. This will achieve operational energy savings by reducing the electrical load on the secondary electric chillers in the plant. The cost of this work is approximately \$700,000. This represents a potential savings of \$300,000 to the County and eliminates any potential equipment damage exposure.

Funding for this project will come from the funds available as a result of the settlement in *County of Los Angeles et al., ex rel. Barakat v. Los Angeles Department of Water and Power* as outlined in the Chief Executive Office's memo to your Board dated December 22, 2008. Utilizing a Sole Source contract with the original equipment manufacturer, Southern California Trane, the existing unit will be rebuilt to meet current equipment standards and improve efficiency in the power plant.

If you have any questions, please contact me at (323) 267-2101.

TT:BR:g

c: ISD Board Deputies  
Chief Executive Officer  
DCEO Operations Cluster